SAMSUNG

Samsung Galaxy S21 FE 5G

Brand : Samsung

Product family: Galaxy

Product code: SM-G990BZWDEUA/AMA

Product name : Galaxy S21 FE 5G

6.4” FHD+ Dynamic AMOLED 2X, Qualcomm SM8350 (One Core 2.84 GHz + Triple Core 2.4 GHz + Quad Core 1.8 GHz), IP68, 802.11 ax, Bluetooth 5.0, USB Type-C, 4500 mAh, Android
Samsung Galaxy S21 FE 5G . Display diagonal: 16.3 cm (6.4"), Display resolution: 2340 x 1080 pixels. Processor frequency: 1.8 GHz, Processor family: Qualcomm Snapdragon, Processor model: 888. RAM capacity: 6 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Battery capacity: 4500 mAh. Product colour: White. Weight: 177 g

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Display	
Display diagonal *	16.3 cm (6.4")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Panel type	OLED
Display resolution *	2340 x 1080 pixels
Maximum refresh rate	120 Hz
Touchscreen type	Capacitive
Pixel density	401 ppi
Rounded display corners	✓

Processor	
Processor family *	Qualcomm Snapdragon
Processor model *	888
Processor cores	8
Processor boost frequency	2.84 GHz
Processor frequency *	1.8 GHz

Storage	
RAM capacity *	6 GB
Internal storage capacity *	128 GB

Camera	
Rear camera resolution (numeric) *	12 MP
Second rear camera resolution (numeric)	12 MP
Third rear camera resolution (numeric)	8 MP
Rear camera aperture number	1.8
Second rear camera aperture number	2.2
Third rear camera aperture number	2.4
Optical zoom	3x
Digital zoom	10x
Front camera type *	Single camera
Front camera resolution (numeric) *	32 MP
Front camera aperture number	2.2
Rear camera flash *	✓
Flash type	LED

Ports & interfaces	
USB port *	✓
USB connector type	USB Type-C
USB version	3.2 Gen 1 (3.1 Gen 1)
Headphone connectivity	USB Type-C

Messaging	
Multimedia Messaging Service (MMS)	✓
E-mail	✓

Design	
Form factor *	Bar
Product colour *	White
International Protection (IP) code	IP68

Performance	
Fast charging	✓
Wireless charging	✓
Fingerprint reader	✓
Face recognition	✓
Speakerphone	✓
Voice commands	✓
Vibrating alert	✓

Navigation	
GPS (satellite)	✓
GLONASS	✓
BeiDou	✓
Galileo	✓
Quasi-Zenith Satellite System (QZSS)	✓
Position location *	✓

Multimedia	
Speakers	stereo
Audio formats supported	3GA, AAC, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF

Camera	
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	60 fps
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps
Video recording modes	720p, 1080p, 2160p
Rear camera type *	Triple camera
Geotagging	✓
Self-timer	✓
Night mode	✓
Panorama	✓

Network	
SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM
3G standards *	UMTS, WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Sub6 FDD, Sub6 TDD
Wi-Fi *	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Bluetooth *	✓
Bluetooth version	5.0
Wi-Fi Direct	✓
MIMO	✓
Modulation	1024-QAM
Near Field Communication (NFC)	✓

Subscription	
Subscription type *	No subscription

Multimedia	
Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM

Software	
Platform *	Android
App distribution platform	Google Play
Virtual assistant	Samsung Bixby

Battery	
Battery capacity *	4500 mAh
Talk time (4G)	37 h
Browsing time (Wi-Fi)	13 h
Continuous audio playback time	79 h
Continuous video playback time	16 h

Sensors	
Proximity sensor	✓
Accelerometer	✓
Ambient light sensor	✓
Gyroscope	✓
Barometer	✓
Geomagnetic sensor	✓
Hall sensor	✓

Weight & dimensions	
Width	74.5 mm
Depth	7.9 mm
Height	155.7 mm
Weight *	177 g

Certificates	
Head SAR (EU)	0.952 W/kg
Body SAR (EU)	1.48 W/kg

Packaging content	
Quick start guide	✓
Cables included	USB Type-C

Other features	
Touchscreen	✓

Technical details	
Repairability index	8.2

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